

AMENDMENTS TO THE SPECIFICATION

Please insert the following section heading and paragraph on page 1, after the title:

-- **CROSS REFERENCE TO RELATED APPLICATIONS**

This application is the national phase of International Application No. PCT/IN2005/000042, filed February 10, 2005, which claimed priority to Indian Application No. 57/KOL/04, filed February 11, 2004. --

Please amend the section heading on page 1, before the first paragraph, to read as follows:

FIELD OF INVENTION BACKGROUND OF THE INVENTION

Please insert the following section heading on page 1, before the first paragraph:

-- Field of the Invention --

Please amend the following section heading on page 1, before the third paragraph, to read as follows:

BACKGROUND INFORMATION Description of Related Art

Please amend the section heading on page 4, to read as follows:

BRIEF DESCRIPTION OF THE ACCOMPANYING DRAWINGS

Please replace the paragraphs on page 4, describing the drawings with the following replacement paragraphs:

- Figure 1 shows in schematic form the use of cored wire in steel bath;
- Figure 2(a) shows the travelled distance before melting of 13 mm wire with 0.4 mm sheath thickness;
- Figure 2(b) shows variation of travelled distance with different wire dimensions;
- Figure 3 shows an improvement in the yield of material; and
- Figure 4 shows the reduction in consumption of material.

Please DELETE the section heading on page 9, before the penultimate paragraph.